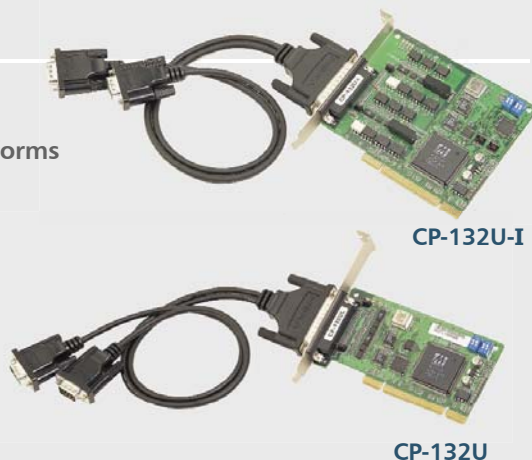# CP-132U Series

2-Port RS-422/485 Industrial Communication Boards

Features

- Supports 2 independent RS-422 or RS-485 serial ports
- Supports 64-byte FIFO driver and major OS platforms
- Universal PCI bus
- Data flow LED display onboard
- Low Profile (CP-132UL)
- RS-485 with ADDC™
- Embedded 16 KV ESD protection
- 2 KV Optical Isolation (CP-132U-I)
- 50 bps to 230.4 Kbps

CE FC

CP-132U-I

CP-132U

Introduction

Moxa's Universal PCI CP-132 Series meets the new slot standard for expansion boards, and works with both 3.3V and 5V server slots. The CP-132U Series offers 2 independent RS-422/485 serial ports for connecting data acquisition equipment and many other serial devices to a PC and compatible systems. It provides a reliable communication link (RS-422/485) over a longer distance (up to 4000 ft), and is suitable for industrial environments.

Specifications

Communications
Bus Interface: 32-bit Universal PCI
Number of Ports: 2
I/O address/IRQ: BIOS assigned
Comm. Controller: MOXA UART (16C550C compatible)
RS-485 Data Direction Control: ADDC™
Baud Rate: 50 bps to 230.4 Kbps
Parity: None, Even, Odd, Space, Mark
Data Bits: 5, 6, 7, 8
Stop Bits: 1, 1.5, 2
Data Signals:
RS-422: TxD+(B)/-(A), RxD+(B)/-(A), RTS+(B)/-(A), CTS+(B)/-(A), GND
RS-485: Data+(B)/-(A), GND (2-wire), TxD+(B)/-(A), RxD+(B)/-(A) (4-wire)

Connectors: DB25 Female
Optical Isolation: 2 KV (CP-132U-I)
Power Consumption
CP-132U: 220 mA (+5V)
CP-132U-I: 580 mA (+5V)
Environmental
Operating Temperature: 0 to 55°C
Storage Temperature: -20 to 85°C
Humidity: 5 to 95% RH
Mechanical
120 x 100 mm (CP-132U-I), 120 x 65 mm (CP-132UL)
*Std. Bracket: 121 mm, LP Bracket: 80 mm)
Regulatory Approvals: CE, FCC
OS Supported: Windows 95/98/ME/NT/2000/XP, Linux

Ordering Information

CP-132U-I: 4-port RS-422/485 board, w/- isolation protection (2 KV)
CP-132U: 4-port RS-422/485 board
* All items include: MOXA Software CD-ROM, DB9 connection cable